

COMMODORE C16 AND PLUS 4













many monature who are constantly channel Potch as you allowed to collect the bonne channels. Also if you SOTIMETRIES. As sold survivor at the planet "Ortifles" year quest leads of super and revenue. The eleculup you are flying in lattice the lawer labourd composition and entry powerful associa. Also included one full 3D graphine to add under levelie realizes to take SEFAMBLE Earth has been coursed by the Cobrass and its up to you to belds through the six denotines and lessing nations. Advergance include makers, UFO's and death; Emballs For Company as a recognited tile, then an elaborate make and Enail's the

PLICENT PATE: PLACE PAIR is without dealt the best flads alrealator on the Critican't America't The many elaborate frances includes Administrating Eagle, directional headings recovered Lives, greend warning lights and reverse threst to make but a low. Also included are associated probability as you take not cross your many and land none again. OUT ON A LINE: This is a function until parts our agreeming funcy game Bland on the large also duck and the Benancia. Out On A Link is all all of the more transproad reconstruction entering to use it limits to more transproad reconstruction entering to use it limits to make the more than the mor

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Technical hitch



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reads have a test been of our 200,000 machines in inten Europe These are schools which have been apply by vesters to the West of taken home with their These are even a sample of	dripped everything in under to set the machine before the end of the far. A Missourieder spakenmen commenced "Nev annider"t men- natur the order. We are looking to set up a real trading outline- ship with the USSR, and the states time." Missouriester will	long, Forting, Political, Bardon, A. Delli, London C. Kine, Fatthern, J. Liddy, Weijer A. Childrey, Small Word X. Meatine. Ething: J. Honstray, Brycheld, K. Create, Fourthal J. Howard, Abendon, J. Jarrigan, Earden, B. Calpin, Carlo, S. Alm, Carolff F. Dellin, Edited, M. Steller, Medium J. Edited, M. Steller, Medium J.	Custon Pubehhangton W his Permonth J Norder, Ghegare, C Edward: St States F Good Maketin N Frander Lancie Coasiler, Landa, M Deram Barmedele, D Herdy Enfahl, Quick, Ing of Mar. A F Scott British
e publish then own new- ters and hold regular strings. Sching to Bases and the sching to Bases to has easy seen. All reden unst be and sub-the Minerty of manual who passes them to I Forein Minerty before to Forein Minerty before	take orders as the figure, but only when the tracking links have been emishished formally. Autom has left two of all- salestness at Montree Clin had dended to stay for another mooth, while the other will	Genta, Studie J Hotels, Personali, Conta, Studie J Hotels, Presenti, N Morrano, Sant Had Z Naphe, Control P Seith Rasherban, V Casto Gaycow & Dengarido, Chiagine M A Date Sude on Tool, F Berkedson, Robuston, S ah ann. Necrisagham, A Hoderson Change, S Licros. Testbodge Well: D R Delaroni.	Allen experts The seemen approved by Man- Gener in our Alex gain; sere 1. Eapley, 2. Ten Shered 2. Zate if Rescale, 4. Space 5. Ach Blers are the names of the
or are sent to one of the sinks buying companion. As the Aurent spekesmen d. Selling to Rassas is nother t unling to China. It usess it is good also at fine, but you've taken there years. The reason there is an appeal.	entim after one week. Access passesses and "The Rossams are commuted to buying Western expense for their schools and offigue and the BRC is of great moment to their. The next major exhibition in Passers. Proper will be in	Bathonge Wolft D R Dickarrois, Hamopine, A Brain, Economy P. Starboot, Normathers, M Freil, Economy J. Feng, Chromagen J. Verly, Normather, J. Domini, Martine P. Tone, Normather and Drive N. Sawan, Sourceffeld M Engine, Add. Craffelts, Special C Kim, Chonnellale R Treas Bellow D Walson, Type and New Strices D Walson, Type and New	Miles Control Culting Miles Control Co
reny at Eastern Russipe III the eneme can be traced back so change in the Cocom agro- ed. Set exceths ago the returned between NATO retonest was chizaged to	Eastern Enviole will be in Legang from March 10 to 15, and a sumber of companies will be showing their poods on the British mind	Scores of winners	Message, Toltinol, J Freber, Hold deplots A France, Petasarili repor Free E. Cambell, Wallington Servy, D. Lingd, Messagoide, C. Nich, Steht, C. Marylan, Sarra and Laboratory Confession of the Confession of the Confession of the Confession of the
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Feed the World Fron from page Argen Spenisher Publica-	Harrison, Enthodomospol, G. Sorlein, Belgarer J. Kimplacy St. Sorlein, D. Hitter, Well Encourage of Well-Ballon St. Albert B. Statistics, P. Hanter, S. Saries, D. Trelon, Accompany, A. Copellol, Stock on Front, S. Fried, Correiro, J. Papa, Saries, P. Ellein, Andrew S. Worffeld, Socie Tom, F. Wagdam, C. Contin, J. H. Ballo, Wagne, D. Statistics, J. H. Ballo, Wagne, D. Statistics, Lentin, C. Deboer, Manager M. Statistics, C. Deboer, C. Peleck, P. Wagner, D. D. Statistics, Lentin, C. Deboer, C. Copper, C. Peleck, P. Statistics, C. Deboer, C. Copper, C. Coppe	Morris, Linnadini, A. Crosh, Nowith, F. A. Betle, Doron, A. Fornos, Smeredan, P. Kamay, Softad, N. E. Baker, Barraw In- Parenta, R. Foster, Hamban, M. Sarbasham, Hull, D. Peren, Rockford, N. Bisher, Ashoo- more Fam. I. A. Cod. Bakhor, A.	St. Clark, Service and Hell E. Clark, Service and Hell Extinut, Walet R. Linch, Bent explane. In Errorio, Lipomeno E. Henner Tong & Wan Chechary, Dentatric S. Bucken, Jan. Castlenge A. T. Green. Pd. D. In Johnson E.M. Eschow Von Best D. O. Sechol. Divor Lesson Chrowither, Lendon S. Marsonah, Long State.
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remember prints margin. As the resolute in fully endocated he sold-Getforf, it is keeped that all intains of the software industry will play that goet. The inper will be far langue him assemil competer games ages, see will one may \$2.59.	Sothers 5 Benn, Goot, 5 Bu Emirhord, D Woods, Manuer John C Harvaght Emiraber M Fider, Bedeyhold, J Corod Economically, D A Forus Economic C Marcin, Farshales,	ond more winners Here her the mance of cer quirkules removement winter The 16 Commodors	ere bureselesson full cree galphas, advance play scenare and true readon deal People who have alread beight the old terson car

HONE COMPLITING WEEKLY 5 Privates 1915 Page 5

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men, the reties and displied made. The Transfersh screen means the traditional hosboard computer. No skill is required to manipulate fidally know you such the stress with a computing in schools **Teachers and education** ociatiese were out in droves

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SPECIAL OFFEE

HERMI COMPLITING WEEKLY STribrany 1985 Page 7

COMPETITI

Outward bound



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COSCYPIUM PROCRAM

As its seems implies, this game term your power powers of deductive

As a goade to delikestry, also A stanking point is given for every correctly placed colour. and a when point for

number of page (2-8), the wrongly number of different colours (2-7), from which the page map



cohian. The mag is their the maps does not show which pega



process of elimination - but are you smart enough to work it out? By D A Carter

THE PRINT AT \$.11: PAPER 2: INC 7: "SEBUCTION" 15 INPUT "Do you need the rules explained?" "ENT ERY OF N "145 16 IF #5""N" DR #5""" THEN GO TO 388 28 PALSE sec: PRINT AT 3,8; "The computer will de cide the" "colours of a number of pegs, ""but it will keep the colours and "their order a secret.

Your job" "is to work out the colours and" "their order, e.g." 25 PAURE Sesses FOR 4=1 TO 7: LET k=INT (1+7+RND IN PRINT AT 18,7+2+11 PAPER K; ERIGHT 1; INK Tiks MEXT I to marRE Teners PRINT "You quest one peg at a t ise by" "pressing the colour numbers 1-7.";; PAGE sec#3: PRINT "Try pressing some colours now." 35 FOR 1=1 TO 4: PRINT AT 16,8+2+11"0": NEXT 1

48 LET C=7: FOR s=1 TO 6: DO SUB 2000; PRINT AT 16,0+2*1; PAPER d; INK 9; BRIGHT 1;d;: NEXT : 58 PRINT "You can chose how eany colours," "and sees the coequter can" "use, and how many quesses to" "allow yourself." 60 PAUGE 104mpc: INPUT "Press ENTER to continue. "I LINE AS 78 CLS : PRINT AT 8,18; "SCORINS" 88 PRINT "A FLASH * score is given for" "every Q

uees of the right" "colour in the correct position "I PAUSE Swance

n for env" "quences which eav be right" "colours b 198 POINT Street 118 PRINT AT 18,8; "COMPUTER:"

120 PRINT AT 12,01"GUESS 1" 138 PRINT AT 14,81"SCORE 1"

140 DIM a (B): FOR a=1 TO B: READ a(s): PRINT AT 1 M. ID-Two - POPPE acts > INK 9. SRIGHT 1:acts > NEXT (: DATA 1,2,3,4,5,6,7,7 168 FOR 1-1 TO By READ act): PRINT AT 12,18+2*1 PAPER #(1): INK 9: BRIGHT 1:#(1): MEXT 1: DATA 0.2

1AS BUSTONE

178 PRINT AT 14,12; "******* 188 PAUSE 18 sec: PRINT '"Note the score only sho we how" "many peop are right; it does" "not show w 198 IMPAIL "Dream ENTER to continues ": 1 IMF at

200 019 Jee REM metting up 318 INPUT "HOW many PEGS (2-0); "10 378 IF ec2 DB e38 THEN 80 TO 318 338 INDICT "How many COLOURS (2-7) : "ar 348 IF c<2 OR c>7 THEN GO TO 338

358 INPUT "How many OUESSES (2-9): "rouesses 3AB IF quesses(2 DR quesses)? THEN GO TO 358 SAZ CLS + PRINT OY 18.8: "Chance of quessing solut ion in "'; guesseu;" attempts: "''; INT ((p^c)/gues ses);":1 against" 363 INPUT "Press ENTER to continue,": LINE #4

378 LET k=8: LET k1=9 THE DIM ALOUS DIM BLOUR DIM C (02) 398 FOR 1=1 TO p: LET a(1)=INT (1+c+RND): NEXT 1 NAME RET THE GAME 518 CLS : PRINT AT 8.12: PAPER 2: INK 7: DEDUCTIO

511 PRINT AT 1,25; "score" 512 FOR 1=1 TO p 513 FQR j=1 TD quesses 514 PRINT AT 241,32-11 "D" 516 NEXT 31 NEXT 1 528 FOR g=1 TO guesses 538 PRINT AT 24g.81g 548 FOR 141 TO 0

558 PRINT AT 21,8; "Guess pag "(i);" (1-";(c);") : 568 00 509 288 578 LET b(1) =d: PRINT AT 2+0.1+2+1: PAPER b(1): 1

NK 91 BRIGHT 11d THE NEXT ! 480 REH check the guess 618 LET k-k+1: LET bk-8: LET #t-8: FOR i=1 TO pr LET C(12=a(12: NEXT 1

ASS IF his length THEN LET himberty LET city-in-LET h(s)mo?

A28 FOR 1=1 TO 6

ASS REM find the whites AAR FOR LUI TO G

678 IF b(1)=-2 THEN 60 TO 738

698 FOR J=1 TO 0 698 IF b(1)=c(j) THEN LET wt=wt+1; LET c(1)=-1;

788 NEXT + 738 MEYT 6

1000 DEM show score

1000 EDD unt TO by 1838 PRINT AT 20g,31-bk-wt+it"0" 1840 NEXT 1 1188 IF WITH THEN GO TO 1288 1118 FOR 1=1 TO wt 1128 PRIN AT 28g,31-wt+1;"# * 1288 NEXT O 1218 IF harche THEN GO TO 1500 1228 REM restart

1508 SO TO 1228 1999 STEE 2000 NEW colour input 2010 IF INCEYS(>=" THEN DO TO 2010 2020 IF INKEYS ... THEN 80 TO 2020 DOTE TO THE THE PER CODE INCEYED 6+40 THEN GO TO 2848 LET deVAL INKEYS: BEEF .1.d 2000 PAUSE 10: RETURN

018 IF bk<20 THEN 80 TO 1888

828 SEM SOLVED IT

888 REM do the scores

1248 PRINT AT 8,18; PAPER 5; INK 2; DEDUCTION" 1258 PRINT AT 5.3: 1-RESTART" 1260 PRINT AT 6.31"2"CHANGE PEGG atc." 1278 PRINT AT 7,3; "0-END OF SAME" 1200 PRINT AT 8,3;"N-NEW PLAYER" 1298 IF INCEYS()** THEN 80 TO 1298 ISBN 1F INCEYS-" THEN GO TO 1388 1318 IF INKEYS="1" THEN BO TO 308 1328 IF INKEYS-"2" THEN GO TO SEE 1338 IF INKEYS "9" THEN STOP 1348 IF INKEYS-"n" THEN GO TO 378 1358 BO TO 1298 INDE OTH failed to unlive 1518 PRINT AT 21,8;*

1539 PRINT AT 21,1+2+1; SRIGHT 1; PAPER a(1); INC. 1858 PRINT AT 21,28; FLASH 1; DW 1; *<<< SOLUTION* 1560 FOR i=1 TO 18: DEEP .1,-1: NEXT 1 1578 INPUT "Frees ENTER to try again "; LINE as

ESB PRINT AT 2*9,22; FLASH 1; INK 2; "WELL BONE"

1818 TE NEW THEN THE TO TO 1188

BAR LET OPQUESSES GO TO 1288

SOR INPUT "Frems ENTER to continue, "; LINE as

848 FOR 1=1 TO 61 REEP .1.11 NEXT 1







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Mark Zajac's utility enable you to design UDGs on your Amstrad CPC464. It uses text windows so you can see four characters

Character definer



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AMSTRAD CPC464 PROGRAM



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Page 30 HOME COMPUTING WHITELY S Belower than





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COMMODORE 64 PRO

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 Dave carlos has been looking at AMX Mouse — and he's impressed with what he sees. Read on to find out why

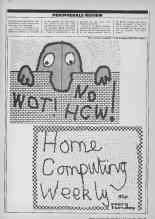
Mighty mouse

DEDIPHERALS REVIEW



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9 CALL A7000 so relivator the representation of the corner of the property of the corner Own as ESX (In his been INVERSE: The will ever the

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The race is on! Overtake all the competitors - but watch out or oil slicks - in Colin

190-170 define thereines

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100 SEM DEFINE CHARACTERS 120 CALL CHAPCAD, *FFFFFFFFFFFFFFFFF

190 CALL CHAP: 128: "IF101F0101F0E 140 CALL CHAR(132, "IF101F0102F0F F590057JF17F700F8F5": 150 CALL CHAP: 136: "1F101F0102F0F ED: / 170 (ALL CHRE 124 "3459934585807

200 CALL COLOR(2-16-1) 210 CALL CLEAR II CALL SCREEN(4) II CALL MAGNIFY(3):: SCORFED 220 REM SET UP SCREEN 230 CRLL VCHRP-1-7-33-24-11 CALL 90NAR: 1, 26, 35-24:11 FOP I=8 TO 25 II CALL VERREIT, L.40, DIDI: NE

240 REM SET UF OIL SLICKS 250 CALL SPPITE: 45.128:2:155:117 250 CALL SPPITE #5.128,2.155,117 260 PANDOMIZE :: I=INT(RND+SPEED

4 + SPEED1 :: B=INT : PND+SPEEB4)+S 270 CALL SPRITE No. 140-2-1-80-1 155,0,0

290 PANDOMIZE :: DeINT(SWD+SPEED 4:+SPFFD1 :: F=INT(RND+SPEED4)+S 1 II SHINT PND+SPEED42+SPEED1 300 CALL SPRITE: #1-132-11-1.60-D .0):: CHLL SPRITE #2:136.5:1:100

310 CALL SPRITE(#2-132-13-1-130-F-011 CALL SPRITE:#4-126-7-1-13

330 CALL REVIOLES OF CALL COIN (BLL (POL) 1F Re-1 THEN 770 340 CALL POSITION 45.E.J:: IF J 45 THEN 840 ELSE SCOPE-SCOPE+1 350 CALL POSITION 45.E.J:: IF J 190 THEN 840 FLSE SCOPE#SCOPE+1 SED THEN SHO BLOC SCUPE SCUPE TO 370 HSCOPE=SCOPE

380 IF Se-1 THEN 230 390 CALL COINCIALL, CHI IF C+-1 400 IF S=0 THEN CALL MOTION (#5.0

OUL BOTO 300 410 IF 1. 44 DP 1 >46 THEN 330 420 CALL MOTION(#5.0. | H-45 |+SPEE DESTRUCTION OF THE CO. 1 THEN 770 ELSE 330 430 CBLL MOTION(#5.0.(K-45)440)1 I CALL COINCIALL, Chi: IF C=-I TH EN 770 ELSE 330 450 REN INTERDICTION

PRIX II DISPLAY AT 13.5 1 480 DISPLAY AT: 14:14:17B Y" :: D ISPLAY AT(15-14:2"+++" 490 TISPLEY STC16-801 "COLIN ASHV 500 FOR N=1 TO 4

510 CALL SDUND(60,220,8,-5,0); CALL SOUND(60-220-8,-5,5) 530 FOR F#1000 TO 2000 STEP 15 540 COLL STUND: -99, 111, 30, 111, 30

560 FDP F#1 TO 30 570 CALL SQUAD(-99-111-30-111-30 (4000-30,-8.0) 590 CRLL CLEAP II FOR [=1 TO 400 600 DISPLAY AT(12:1:"ID YOU WANT INSTRUCTIONS"

NIHOO II TE LERG THEN 640 FLISE R 600 FOR 1=1 TO 400 IN NEUT 1 A30 PEN INSTRUCTIONS 1/1"YOU HAVE TO TRAVEL AS FAR AS CAN BEFORE YOU CRASH."

650 DISPLAY BY 16: 101 BUREAUS D 660 DISPLAY ATT 20-17: TUSE THE 1 ' AND ' LEYS TO 670 BISPLAN RT 24-1:1"PRESS RWY KEY TO CONTINUE..." :: CALL HEY

0.K.S)11 IF S=0 THEN 670 11 IF K COLUMN SSO FLORE AZO 680 PEM SKILL LEVEL 690 CALL CLEAP :: FOR 1=1 TO 400 :: NEXT 1 :: DISPLAY AT: 12:5>1" SKILL LEVEL [1 TO 31 700 CALL KEYCO, K. SOLL IF SHO THE 710 IF KON49 THEN 720 ELSE 740 720 IF K<>50 THEN 730 ELSE 750 30 IF K(>51 THEN 700 ELSE 760 740 SPEEB1=5 1: SPEED2=15 :: SPE

750 SPEEDIWIO #: SPEEDZ+20 :: SF

IN SOTO 190

7 11 GOTO 190 760 SPEEDI-15 11 SPEED2-25 11 SP EEIG+35 :: SFEED4=45 :: SPEED5=3 5 11 SOTO 190 770 CALL SQUAD(1000-5-0-1) FOR I=1 TO 9 SE CALL HOTION #1-0-0:

I MENT I :: CALL PATTERN WS. 104 :: FOR A=1 TO 500 II NEST A

780 CALL CLEAP II CALL SCREEN IN DATE CALL DELSPRITE (ALL: 800 FDP I=1 TD 400 :: NE:T I :: DISPLAC AT 12-4: "YOU CRASHED YO

830 DIMPLR/ 8T: 24-1 :: "PPESS SERC 12 THEN 690 ELSE 630

810 DISPLAY ATC16-5 1 TYDUR SCOPE 920 DISPLAY AT: 20,8 : "HIGH SCOPE SAF TO CONTINUE" II CALL 1E/10 ALS UT IF SO THEN SOO IS IF PE 640 CALL SOUND 1000 -5-0-11 CALL CALL SCREEN 15 :: FOP 1=1 TO 400 860 DISELBY BT(12-1)1 "(DI PAN IN 1: YOUR SCORE IS: "ISCORE ATO DISPLAY AT 20.8 1 HIGH SCOPE F BAP TO CONTINUE" :: CALL & FIND 1-5:41 IF 5=0 THEN 900 11 IF Fm 32 THEN 690 ELSE 590 890 CALL CLEAF IS FOR INT TO 400

:: MEXT I 900 DISPLAY AT-12-1 -- THE FACE I 910 FEM NATIONAL ANTHEN 220 PESTORE 940 930 FERD E-R 11 IF 840 THEN 970 ## CALL SOUND(A.B.O.: | GOTG 450 940 DATE 392-100-392-300-440-300

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